Position Opening

POSITION: Postdoctoral Scholar
STATUS: Full-Time (40 hr/wk) / Benefited / Non-Exempt
COMPENSATION: $70,000 - $80,000 per year
DEPARTMENT: Center for Regenerative Agriculture & Resilient Systems (CRARS)
LOCATION: CSU Chico Campus or Farm
RECRUITMENT ID: 028

RESIDENCY: Candidate must be a California resident. Chico State Enterprises is not a sponsoring agency for staff and management positions (i.e. H-1B Visas).

ESSENTIAL JOB FUNCTIONS:

We are excited to be hiring a full-time Postdoctoral Scholar to oversee and manage greenhouse gas measurements. The successful applicant will lead coordinated data analysis from eddy covariance towers in paired conventional and regenerative fields across three representative California growing regions (six towers total). Primary responsibilities include data management, analysis, interpretation, and reporting of results in peer-reviewed journals, but not eddy covariance data collection or tower maintenance, which will be performed by project personnel.

In addition, the applicant will be expected to lead short-term field campaigns focused on collecting CO2, CH4 and N2O soil flux measurements from automated chambers in conventional and regenerative fields at the Chico University Farm (Sacramento Valley) location. These data will be integrated with eddy covariance data to determine soil carbon accrual and the climate mitigation potential of RA. The incumbent will be co-mentored and work directly with Dr. John Knowles at CSU-Chico and Dr. Patty Oikawa at CSU East Bay. Other project co-investigators include Drs. Sandrine Matiasek (water quality), Garret Liles (soil science), Logan Smith (soil microbiology), and Jake Brimlow (agricultural economics) at CSU Chico, with collaboration from the Modoc Nation, community and non-profit organizations, and industry. The successful candidate will have opportunities to mentor undergraduate and graduate students to conduct research and present at professional meetings and conferences.

EMPLOYMENT STANDARDS:

The successful candidate must possess the following:

- A Ph.D. degree in environmental science, atmospheric science, biogeochemistry, natural science, or related field
- Strong quantitative skills (including programming skills in R or Matlab)
- A proven record of scientific publications in peer-reviewed journals
- Time management skills and ability to follow through on projects to completion
- Self-motivation
- Strong interpersonal and communication skills
- Ability to get a valid California driver’s license

Desired (but not required) skills:

- Fieldwork experience
- Knowledge of micrometeorology and prior experience with eddy covariance data
- Knowledge of manual or automated static chamber greenhouse gas measurements
Knowledge of regenerative agricultural techniques

COMPLIANCE REQUIREMENTS:

- Candidate must be in possession of valid driver's license and automobile liability insurance. Participation in the DMV Employer Pull Notice Program (driving record) is required. The candidate will be required to update their insurance with Chico State Enterprises Human Resources when necessary.
- Satisfactory completion of a background check (including a criminal records check) is required for employment. Chico State Enterprises will make a conditional offer of employment, which may be rescinded if the background check reveals disqualifying information, and/or it is discovered that the candidate knowingly withheld or falsified information. Failure to satisfactorily complete the background check may affect the continued employment of a current Chico State Enterprises employee who was conditionally offered the position.

BENEFITS:

Benefits for employees working 30 hours or more per week include employer paid life insurance ($50,000) and long-term disability; options for health, dental, and vision insurance; FSA; 14 paid holidays including 1 personal holiday; vacation accrual (initially 10 days/year); sick leave (up to 12 days/year); employer contributions to your 403(b) retirement plan (up to 8%).

HOW TO APPLY:

To be considered, submit the following documents by January 03, 2024. Documents submitted after this date may not be considered.

- Resume
- Chico State Enterprises Application
- Cover Letter
- Contact information for three professional references

BY DROP BOX: https://csuchico.app.box.com/f/33b5dd24f95a4dbfb133dc9171186bf4
BY EMAIL: csejobs@csuchico.edu

Paper applications will not be accepted; however, Chico State Enterprises is an Equal Opportunity Employer and is happy to provide reasonable accommodations to applicants at any step of the application process. If you need assistance in this regard, or are having technical difficulties, please contact the Human Resources office at 530-898-6811 or csejobs@csuchico.edu prior to 5:00 pm on the document deadline date. The employer is Chico State Enterprises, a non-profit corporation serving as an auxiliary organization of California State University, Chico. Employment is considered to be at-will.

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER:

Chico State Enterprises is an Equal Opportunity Employer and does not discriminate against persons on the basis of race, religion, color ancestry, age, disability, genetic information, gender, gender identity, gender expression, marital status, medical condition, National origin, sex, sexual orientation, covered veteran status, or any other protected status. It is the Enterprises’ policy to hire only United States citizens and aliens lawfully authorized to work in the United States. All new employees must provide proof of identity and authorization to work.